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NOTICE OF ALLOWANCE AND FEE(S) DUE

00826

7590

02/17/2004

ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000 EXAMINER
CHUNG, DAVID Y

ART UNIT PAPER NUMBER

ART UNIT

DATE MAILED: 02/17/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053.940	01/22/2002	Yi Sun	38470/241807	4873

TITLE OF INVENTION: LIQUID CRYSTAL ADAPTIVE LENS WITH CLOSED-LOOP ELECTRODES AND RELATED FABRICATION METHODS AND CONTROL METHODS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$300	\$965	05/17/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on r after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment f maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, t gether with applicable fee(s), t: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 r <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

00826

7590

02/17/2004

ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 **CHARLOTTE, NC 28280-4000**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

	diminition to the Collins of the the Collins of the Collins
(Depositor's name)	
(Signature)	
(Date)	

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nonprovisional	YES	\$665		\$300	\$965	05/17/2004
EXAMINER		ART UNIT		CLASS-SUBCLASS		
CHUNG, DAVID Y 2871				349-146000		
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). □ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. 			names of agents Of firm (havi	nting on the patent front page, up to 3 registered patent at R, alternatively, (2) the name ing as a member a registered d the names of up to 2 registered	torneys or 1 of a single attorney or 2	
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.				or agents. If no name is listed		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent);	☐ individual	☐ corporation or other private group entit	y 🖸 governmen
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):			
☐ Issue Fee	☐ A check in the amo	ount of the fee(s)	is enclosed.	
□ Publication Fee	☐ Payment by credit	card. Form PTO-	2038 is attached.	
☐ Advance Order - # of Copies	The Director is he Deposit Account Nur		by charge the required fee(s), or credit an (enclose an extra copy of th	y overpayment, to is form).
Director for Patents is requested to apply the Issue Fee and Pu	blication Fee (if any) or to re-apply	any previously p	paid issue fee to the application identified ab	pove.
(Authorized Signature)	(Date)			
NOTE: The Issue Fee and Publication Fee (if required) we other than the applicant; a registered attorney or agent; of interest as shown by the records of the United States Patent a	rill not be accepted from anyone or the assignee or other party in and Trademark Office.			
This collection of information is required by 37 CFR 1.31 obtain or retain a benefit by the public which is to file (all application. Confidentiality is governed by 35 U.S.C. 122 are estimated to take 12 minutes to complete, including gathericompleted application form to the USPTO. Time will var case. Any comments on the amount of time you require suggestions for reducing this burden, should be sent to the Patent and Trademark Office, U.S. Department of C 22313-1450. DO NOT SEND FEES OR COMPLETED SEND TO: Commissioner for Patents, Alexandria, Virginia	and by the USPTO to process) and 37 CFR 1.14. This collection is ng, preparing, and submitting the y depending upon the individual to complete this form and/or chief Information Officer, U.S. commerce, Alexandria, Virginia FORMS TO THIS ADDRESS. 22313-1450.			

collection of information unless it displays a valid OMB control number.



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ALSTON &			•	CHUNG, I	DAVID Y
BANK OF AL		LAZA REET, SUITE 400	0	ART UNIT	PAPER NUMBER
CHARLOTTI		•		2871	
				DATE MAILED: 02/17/200	4

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 52 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 52 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

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	Application N .	Applicant(s)	
	10/053,940	SUN ET AL.	
Notice of Allowability	Examiner	Art Unit	
	David Y. Chung	2871	
The MAILING DATE f this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet was (OR REMAINS) CLOSED or other appropriate comming IGHTS. This application is and MPEP 1308.	in this application. If not included nunication will be mailed in due course. T	T HIS nitiative
1. A This communication is responsive to <u>amendment filed Dec</u>	<u>cember 5, 2003</u> .		
2. ☑ The allowed claim(s) is/are <u>2-8,10-14 and 16-24</u> .			
3. $igotimes$ The drawings filed on <u>22 January 2002</u> are accepted by th	e Examiner.		
 4. Acknowledgment is made of a claim for foreign priority unally and all b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 	e been received. e been received in Applicat cuments have been receive of this communication to fi	on No ed in this national stage application from	
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv			F
6. CORRECTED DRAWINGS (as "replacement sheets") mu			
(a) including changes required by the Notice of Draftspers		w (PTO-948) attached	
 hereto or 2) to Paper No./Mail Date including changes required by the attached Examiner Paper No./Mail Date 		or in the Office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the same of			
7. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/	6. ☐ Interview : Paper No	nformal Patent Application (PTO-152) Summary (PTO-413), ./Mail Date s Amendment/Comment	
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material		s Statement of Reasons for Allowance	

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: none of the prior art taught or suggested a liquid crystal adaptive lens with a plurality of closed loop electrodes further comprising at least one pair of conductors in electrical contact with at least two closed loop electrodes and at least one connector electrically connecting at least two closed loop electrodes.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Chung whose telephone number is (571) 272-2288. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:00 pm.

ROTTERT H. KIM Supervisory patent evaminer Technology center 2800

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